



Intumescent Paint for Structural Steel and Cast Iron

ISS intumescent Steel Coating

A water-based intumescent paint system providing fire resistance to structural steel and cast iron that may be applied by brush, roller or airless spray. A compatible decorative overcoat system ensures the system will enhance the building's architectural and design features.

ISS intumescent Steel Coating is a low-odour, water-based coating, making it user and environmentally friendly. The range of topcoats are either water-based or 2010 compliant and safe to use in accordance with manufacturer's instructions.

- Water based Intumescent for structural steel
- For 30 mins protection: 1 thick coat – 2.5kg 4 linear m, 5kg 8 linear m, 20kg 32 linear m – if in any doubt please contact us.
- For 60 minutes or external steel protection: contact us for further advice specific to your project

Available in

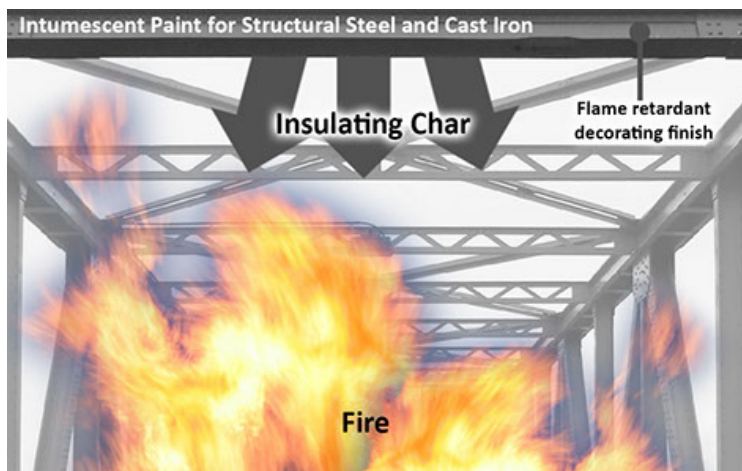
2.5kg, 5kg and 20kg packs

Intended use

Fire resistance to structural steel and cast iron with a minimum of coats.

How it works

The heat of a fire triggers a catalytic reaction, causing the expansion of an insulating char layer up to 50 times the paint thickness. The layer keeps the steel below its critical temperature, thus maintaining the structural integrity of the building.



Colours, Finishes & Sizes

Sizes: (ISS intumescent Steel Coating) 20kg, 5kg, 2.5kg

Colours: (FR Paint)

Finishes: Water based SFR Matt and Eggshell. For external applications 2 coats of oil based FR Paint

Specification & application

Apply ISS intumescent Steel Coating to achieve...

30, 60 mins Fire Resistance in accordance with ISS intumescent Steel Coating Technical Department instructions.

To steel visible or subject to variable or damp atmospheric condition, apply...

1 coat ** of FR Paint

** 2 coats for external steel.

Fire testing

Product performance assessment is based upon Approved Fire Test Laboratory Certification to EU & BS standards for Fire Resistance to load bearing elements of structures.

Technical Advisory & Estimating Service

Estimating, Specification & application advice from Technical Dept T: [01329 841 416](tel:01329841416) or E: sales@stormflame.com

Environmental, Health & Safety

ISS intumescent Steel Coating is a low-odour, water-based coating. Topcoats are either water-based or 2010 compliant and safe to use in accordance with manufacturer's instructions.

Quality assurance

Both products are manufactured under ISO 9001.

Technical advice

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Disclaimer

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The above information to the best of our knowledge is true and accurate and based upon current test data and is supplied for your guidance only. Customers should satisfy themselves to the suitability of the product based on the products limitation of applications and that the product is fit for purpose for their intended use and no guarantee is given or implied since the conditions of actual use are beyond our control. Intumescent-Paints.co.uk (part of the Stormflame Group), disclaim any liability for loss, damage or other expense arising from the use of information, data or products mentioned or referred to and reserve the right to change any details or specifications without notice. If you are in any doubt as to the suitability of this product for your intended application please contact our technical team on 01329 841 416 or email sales@stormflame.com and we will contact you.

For certification and compliance with regulations we will supply a FREE of charge Certificate of Supply with each order or project.

Last Modified: 21/01/2020